MINING APPLICATION NO. _____

Date _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

MINING AND RECLAMATION PLAN
(Other forms may be used in lieu of MR 2, provided they contain the same information)

1. Name of Applicant or Company Jonny Trújillo

2. Proposed type of operation Underground uranium mining.

3. (a) Prior Land Use(s) Same. Grazing

   (b) Current Land Use(s) Same. Grazing

   (c) Possible or Prospective Future Land Use(s) Same. Grazing

4. What vegetation exists on the land proposed to be affected Desert grasses & shrubs.

   (a) Types and Estimated Percent cover or density: Salt sage, Brigham tea, Juniper & Desert grasses. Approximately 5 %.

5. What is the pH range of soil before mining? _____ pH

   Name of Person or Agency and method of determining pH _____

6. Site elevation above sea level _____

7. In case of coal, oil shale, and bituminous sandstone:

   Principal seam(s) and thickness(es) _____

8. Estimated duration of mining operations Two years.

9. Has overburden, waste or rejected materials been classified as acid or alkali producing? ( ) Yes (x) No
   Does the above material being moved have any other characteristics affecting revegetation? No.

10. Will any underground workings or aquifers be encountered? ( ) Yes (x) No
    Describe _____

    Is there an active discharge of water from abandoned deep mines on or crossing the land affected? ( ) Yes (x) No If yes, describe the quality of water being discharged. _____

11. Describe specifically a detailed procedure for: See addendum ((A))
    (a) The mining sequence
    (b) The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades.
    (c) The procedure for site preparation including removing trees and brush.
    (d) The method for removing and stockpiling topsoil or disturbed materials.
    (e) The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic materials.
    (f) A procedure for final stabilization of disturbed materials.

GRADING AND REGRADING

Specifically describe: See addendum ((B))

(a) Typical cross-section of regrading.
(b) The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material.
(c) What type of soil treatment will be utilized.
(d) The method of drainage control for the final regraded area.
(e) Maximum grading slope.

TESTING

1. Describe method for testing stability of reclamation fill material.

_____

Describe method for the testing of soil that is intended to support vegetation

_____

2. Describe any soil treatment employed as an aid to revegetation _____

Commercial fertilizer will be added at a rate of 500 lbs. per acre.

3. Describe surface preparation of areas intended to support vegetation:

Scarified before &after seeding.

_____

_____

REVEGETATION

1. Revegetation to be completed by:
    (X) Operator
    ( ) Soil Conservation District
    ( ) Private Contractor
    ( ) Other (specify) _____

    ( ) Hydroseeding
    ( ) Aerial Seeding
    ( ) Conventional or Rangeland Drilli
    (X) Broadcast and Drag
    ( ) Other _____

2. Will Mulch be used? ( ) Yes (X) No

Type: _____ Rate/Acre _____ lbs.

3. Revegetation Plan and Schedule -

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted
Indian Rice Grass	10 Lbs.	All disturbed areas		Late fall
Crested Wheat Grass	" "	" " "		" "
Fourwing Saltbrush	" "	" " "		" "

4. Will affected area be subject to livestock or wildlife grazing?

(X) Yes ( ) No Will vegetation protection be needed? No

5. Will irrigation be used: ( ) Yes (X) No Type _____

6. Describe maintenance procedures for revegetation if needed, until surety release is granted. Reseeded if necessary to acquire stand equivalent to surrounding area.

STATE OF Utah

COUNTY OF Emery

I, Jimmy H. Trujillo, having been duly sworn depose and attest that all of the representations contained in the foregoing application are true to the best of my knowledge; that I am authorized to complete and file this application on behalf of the Applicant and this application has been executed as required by law.

Signed: Jimmy H. Trujillo

Taken, subscribed and sworn to before me the undersigned authority in my said county, this 15th day of January, 19 79.

Notary Public: Lillian T. Cline

My Commission Expires: 1/9/80

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as follows:

> "Information relating to the location, size, or nature of the deposit and marked confidential by the operator, shall be protected as confidential information by the Board and the Division and not be a matter of public record in the absence of a written release from the operator, or until the mining operation has been terminated as provided in subsection (2) of section 40-8-21."

Is confidential information contained herein?

YES _____ (Initial)

NO X (Initial)

Sections desired to be maintained as confidential information -

_____ _____ _____

_____ _____ _____

_____ _____ _____

Addendum ((A))

(a) Mining will be accomplished by drilling with pneumatic drill, then blasting, then removing resulting muckpile to surface.

(b) County road crosses the property & no roadbuilding is projected in the foreseeable future.

(c) Inclines have been driven at several locations by past operators & no other access is planned at this time. If other site preparation is reqired it will be accomplished with the least amount of surface disturbance possible. In no case will trees be removed.

(d) Topsoil in the area is almost nonexistent, however if any is disturbed it will be stockpiled in such a manner to maintain itin an uncontaminated condition & it will be used to cover wastepiles to enhance reseeding efforts.

(e) All waste piles incapable of supporting plant life will be sloped to minimize erosion, if sufficient topsoil is available it will be used to cover wastepiles to a depth sufficient to sustain plant life.
Country rock will be confined to the smallest area consistent with good mining practices.
There are no known acid, alkali-producing or toxic materials that will be disturbed. However if any are encountered they will either be placed in a location least susceptible to erosion or in a containment pond.

(f) If topsoil is available all wastepiles will be covered and seeded if topsoil is not available wastepiles will be sloped to minimize erosion , reseeding will be done as required to ensure the best stand of vegetative possible.

Addendum ((B))

(a) All disturbed areas will be scarified seeded and rescarified all areas not susceptible to replenishing plant life will be sloped or terraced to minimize erosion.

(b) Topsoil will be spread to a thickness of at least six inches where material is available using a front end loader to spread the material , a drag will be used to prepare the surface for seeding.

(c) Commercial fertilizer will be applied at the rate of 500lbs. per acre fertilizer will be harrowed to ensure stabilization.

(d) No wastepiles shall be placed where erosion could cause them to be washed into a major waterway, if any danger exists that this could occur , adequate containment dams will be constructed to avoid it happening.

(e) All wastepiles shall be graded to a slope not to exceed 2 feet horizontally to 1 foot vertically.